

875—73.1(89A) Scope, definitions, and schedule.

73.1(1) This chapter establishes minimum safety standards for all conveyances installed prior to January 1, 1975, except material lift elevators. Conveyances installed on or after January 1, 1975, shall conform with the requirements set forth in 875—Chapter 72. Material lift elevators installed prior to January 1, 1975, are not subject to regulation pursuant to Iowa Code section 89A.2.

73.1(2) The definitions contained in American National Standard Safety Code for Elevators, Dumbwaiters, Escalators, and Moving Walks, A17.1 (1971), shall be applicable as used in this chapter to the extent that they do not conflict with the definitions contained in Iowa Code chapter 89A or 875—Chapter 71.

73.1(3) Except as noted in this rule, the American Society of Mechanical Engineers Safety Code for Existing Elevators and Escalators, A17.3 (2011), is adopted by reference with an enforcement date of May 1, 2021.

a. If a code provision that is more restrictive than A17.3 (2011) applied to a conveyance when the conveyance was installed, the more restrictive provision shall remain in effect.

b. A17.3 (2011) Part X applies to elevators covered by rule 875—73.21(89A) without regard to the scope provisions set forth in A17.3 (2011) Part X.

c. Provisions of A17.3 (2011) that require installation of a new controller to implement Phase 1 and Phase 2 fire service or car top operation are not adopted by reference and shall not be enforced in Iowa.

d. A17.3 (2011), Rule 2.3.2, is intended to prevent the accumulation of sewer gas in an elevator pit and shall not be interpreted to require the addition of a drain pipe in an existing pit. An air gap in an existing drain pipe shall be considered adequate compliance.

e. The following shall substitute for the final sentence of A17.3 (2011) Rule 2.1.5(b): “Previously installed 60-inch chains are deemed to be in compliance.”

f. An elevator that was legally installed with guide rails made of materials other than steel shall not be required to replace the guide rails due to the adoption of A17.3 (2011).

g. Electrical protective devices required by A17.3, requirement 3.10.4, shall cause the electric power to be removed from the elevator driving-machine motor and brake.

h. Control panels that are designed with a door or cover and lock shall be locked when service is not being performed if equipment unrelated to the elevator is in the machine room. Group 1 security as set forth in A17.1, Section 8.1, shall be utilized.

i. A car top emergency exit pursuant to A17.3(2011), requirement 3.4.4.1(a), shall not be required for a hydraulic elevator if the elevator has manual lowering and it is not equipped with a plunger gripper or safety as described in ASME A17.1(2013), requirement 8.6.5.8.

73.1(4) The American Society of Mechanical Engineers Safety Code for Elevators and Escalators, A17.1-2013/CSA B44-13 (2013), Rule 2.14.7.1.4, concerning car top lighting and car top electrical outlets, is adopted by reference with an effective date of May 1, 2021. However, if a car top already has a single outlet, installation of a duplex outlet will not be required.

73.1(5) Rules 875—73.2(89A) to 875—73.6(89A), 875—73.9(89A) to 875—73.17(89A), 875—73.19(89A), 875—73.22(89A), and 875—73.24(89A) and subrules 73.1(2), 73.7(1) to 73.7(9), 73.7(11), 73.18(1), and 73.18(3) to 73.18(7) shall be superseded by corresponding provisions of A17.3 (2011) on May 1, 2021.

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